ZANUSSI

User Manual

Microwave Oven

Model
ZNC12X

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Safety information

The built-in safety interlock switches prevent the microwave oven from operating when the door is open.

Do not tamper with them, or attempt to operate the oven with the door open as open door operation can result in exposure to microwave energy.

Do not allow food spills or cleaner residue to accumulate on door sealing surfaces. See the Cleaning and Care section for cleaning instructions.

It is particularly important that the oven door closes properly and that there is no damage to the: (1) door (warped), (2) hinges and latches (broken or insecure), (3) door seals and sealing surface.

Warning: If the door, hinges/latches or door seals are damaged, the microwave must not be operated until it has been repaired by an authorized service person.

Warning: It is hazardous for anyone except factory trained service personnel to service or make adjustments to this oven. Contact your nearest authorised service agent if service should be required.

Do not remove the outer case, door or control panel at any time. Doing so may cause exposure to extremely high voltage.

Install or locate this oven only in accordance with ‘installation instructions’ found in this manual.

Use the appliance for its intended use as described in this manual. Do not use corrosive chemicals in this appliance. This type of oven is specifically designed to heat, cook, or defrost food. It is not designed for industrial or laboratory use neither for commercial use as this will invalidate the guarantee.

Do not operate the oven empty. If food or water is not present to absorb the

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microwave energy, the magnetron tube can be damaged.
Do not store this appliance outdoors. Do not use this product near water.
Do not attempt to dry clothing or newspapers in the microwave oven. These items can ignite.
Do not use the cavity for storage purposes.
Do not leave paper products, cooking utensils, or food in the cavity when not in use.
Microwave oven is a Group 2 ISM equipment in which radio frequency energy is intentionally generated and used in the form of electromagnetic radiation for the treatment of material.
This oven is a Class B equipment suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.
The microwave oven shall not be placed in a cabinet unless it has been tested in a cabinet.

Warning: If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames. Never use water.

Warning: Only allow children or infirm persons to use the microwave, without supervision, when adequate instructions have been given so that the child or infirm person is able to use the microwave in a safe way and understand the hazards of improper use.

It is quite normal for steam to be emitted around the door, or for misting to occur on the door, or even for water droplets to appear below the door during the cooking cycle. This is merely condensation from the heat of the food and does not affect the safety of your oven. The door is not intended to seal the oven cavity completely.
Do not force the turntable to rotate by hand. This may cause malfunctioning.
Arcing in the oven during microwave operation usually occurs from use of metallic utensils. Continuous arcing, however, can damage the unit. Stop the programme and check the utensil.
Care should be taken not to obstruct any air vents located on the top, rear, side and bottom of the oven.

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Warning: Do not use this oven for commercial purposes. This oven is made for domestic use only.

Unpacking

When you unpack the oven, check that the product is free from damage. Damage or any missing parts must be reported immediately to the retailer.
The oven, parts of the oven or the accessories may be wrapped by a protection foil. If so, you must remove this foil before using the oven. Do not leave packing material so that small children can play with it. This can be hazardous.

Utensil safety

Most glass, glass ceramic and heat-resistant glassware utensils are excellent for use in the microwave oven. Although microwave energy will not heat most glass and ceramic items, these utensils can become hot as heat transfers from the food to the container. The use of oven gloves to remove dishes is recommended.

Oven utensils and accessories guide

A variety of Utensils and Materials may be used for cooking in your microwave oven. For your safety and to prevent damaging utensils and your oven choose appropriate utensils and materials for each cooking method. The list below is a general guide.

Material	Utensils	Mode of operation Microwave
Ceramic & Glass	Corning ware	YES
	Heat resistant glass ware	YES*1
	Glass ware with metal decoration	NO
	Lead crystal glass	NO
China	Without metal decoration	YES
Pottery*2		YES

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Plastic	Microwave oven heat-proof wear	YES
	Plastic wrap	YES
Metal	Baking pan	NO
	Aluminium foil*3	YES
Paper	Cups, plates, towels	YES
	Waxed paper	YES
Wood		NO
Accessories	Grill rack	NO
	Turntable	YES

YES: Utensils and accessories to use NO: Utensils and accessories to avoid

*1 Only if there is no metal trim.

*2 Only if it does not have a glaze containing metal.

*3 Use aluminium foil only for shielding purposes, over use may cause arcing.

Testing suitability of cookware

Utensils should be checked to ensure they are suitable for use in Microwave Ovens. Place the cookware in the microwave along with a glass half full of water. Heat on full power for one minute. If the cookware feels hot, you should not use it. If it is just slightly warm, you can use it for reheating but not for cooking. If the dish is room temperature, it is suitable for microwave cooking.

Paper napkins, wax paper, paper towels, plates, cups, cartons, freezer wrap and cardboard are great convenience utensils. Always be sure containers are filled with food to absorb energy and thus avoid the possibility of overheating or ignition.

Many plastic dishes, cups, freezer containers and plastic wraps may be used in the microwave oven. Follow manufacturer's instructions when using plastics in the oven. Avoid using plastic utensils with foods that have high fat or sugar content since these foods reach high temperatures and could melt some plastics.

Do not leave oven unattended, and look at it from time to time when heating or cooking food in plastic, paper or other combustible containers.

Metal utensils and utensils with metallic trim should not be used in the microwave oven, unless specifically recommended for microwave use.

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Containers with restricted openings, such as bottles, should not be used for microwave cooking.
Use caution when removing a lid or cover from a dish to avoid steam burns.

Foil containers

Shallow foil containers may safely be used to reheat foods in your microwave oven providing the following rules are observed:
Foil containers should not be more than 3 cms (1 1/4") deep.
Foil lids must not be used.
The foil containers must be at least two-thirds full of food. Empty containers must never be used.
Foil containers should be used singly in the microwave oven and should not be allowed to touch the sides. If your oven has a metal turntable or cooking rack, the foil container should be placed on an upturned ovenproof plate.
Foil containers should never be re-used in the microwave oven.
If the microwave oven has been in use for 15 minutes or more, allow it to cool before using it again.
The container and turntable may become hot during use; take great care when removing either from the oven. It is advisable to use an oven cloth or glove when doing so.
Remember when using an aluminium foil container that the reheating or cooking times may be longer than you are used to, always ensure that the food is piping hot before serving.

Food safety

Do not heat food in a can in the microwave oven. Always remove the food to a suitable container.
Deep fat frying should not be done in the microwave oven, because the fat temperature cannot be controlled, hazardous situations can result.
Popcorn may be prepared in the microwave oven, but only in special packages or utensils designed specifically for this purpose. This cooking operation should never be unattended.
Pierce foods with non-porous skins or membranes to prevent steam build-up and bursting. Apples, potatoes, chicken livers, and egg yolks are examples of items that should be pierced.
The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.

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Warning: Liquids or other foods must not be heated in sealed containers since they are liable to explode.

Warning: Microwave heating of beverages can result in delayed eruptive boiling; therefore care must be taken when handling the container.

Warning: When heating liquids, e.g. soups, sauces and beverages in your microwave oven, overheating the liquid beyond boiling point can occur without evidence of bubbling. This could result in a sudden boil over of the hot liquid. To prevent this possibility the following steps should be taken:

Avoid using straight-sided containers with narrow necks.

Do not overheat.

Stir the liquid before placing the container in the oven and again halfway through the heating time.

After heating, allow standing in the oven for a short time, stirring again before carefully removing the container.

Warning: Some products such as whole eggs and sealed containers – for example, closed glass jars – may explode and should not be heated in this oven. Occasionally, poached eggs may explode during cooking. Always pierce the yolk, then cover and allow the standing time of one minute before removing cover.

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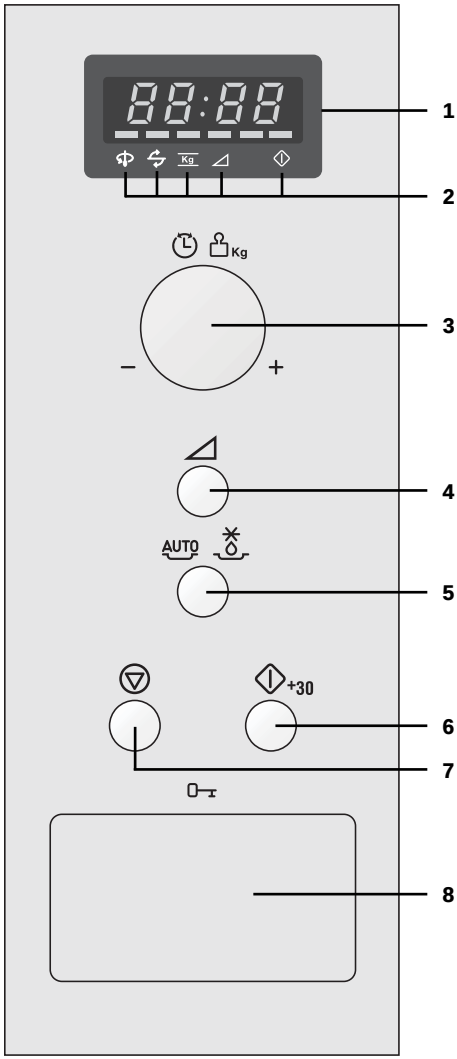
Product description

1. **Digital Display**
2. **Indicators**

   The appropriate indicator will flash or light up, just above each symbol according to the instruction. When an indicator is flashing, press the appropriate button (having the same symbol) or carry out the necessary operation.

   - Stir
   - Turn over
   - Weight
   - Microwave power level
   - Cooking in progress
3. **TIMER/WEIGHT** knob
4. **MICROWAVE POWER LEVEL** button
5. **AUTO PROGRAMMES** button Press to select one of the 12 automatic programmes.
6. **START/+30** button
7. **STOP** button
8. **DOOR OPEN** button



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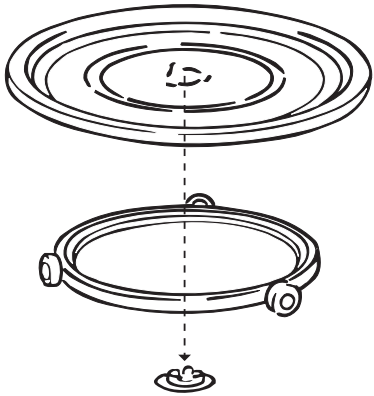
Accessories

Turntable support

Glass turntable

Turntable installation

Place the turntable support on the cavity Bottom.
Place the turntable on top of the turntable support as shown in the diagram. Make sure that turntable hub is securely locked in the turntable shaft. Never place the turntable upside down.



Both turntable and turntable support must always be used during cooking.
All food and containers of food are always placed on this turntable for cooking.
This turntable rotates clockwise and anticlockwise; this is normal.

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Before first use

Setting the clock

When your oven is plugged in for the first time or when power resumes after a power interruption, the display window flash and show " 88:88 "

Touch the **STOP** button to clear the display.

This oven can be set for 12hr mode or 24hr mode

1. To set the 12 hour clock, hold the **MICROWAVE POWER LEVEL** button down for 3 seconds. **'12H'** will appear in the display.
2. To set the 24 hour clock, press the **MICROWAVE POWER LEVEL** button once more**. '24H'** will appear in the display.
3. Rotate the **TIMER/WEIGHT** knob until the correct hour is displayed
4. Press the **MICROWAVE POWER LEVEL** button
5. Rotate the **TIMER/WEIGHT** knob until the correct minute is displayed
6. Press the **MICROWAVE POWER LEVEL** button

Child lock

This oven has a feature which prevents the accidental running of the oven by a child. After the lock has been set, no part of the microwave oven will operate until the child lock feature has been cancelled.

Touch the **STOP** + button for 3 seconds. **'SAFE'** will appear in the display.

To cancel touch the **STOP** + button for 3 seconds.

To stop the oven

There are two way to stop the oven whilst it is in use.

1. Press the **STOP** button

You may restart the oven by pressing the **START** button
Pressing **STOP** again will reset the current programme

2. Open the door

You may restart the oven by closing the door and pressing the **START** button
Pressing **STOP** again will cancel the current programme

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Operation

Microwave cooking

1. Open the door; place the food on the turntable. Close the door.
2. Set the required cook time by turning the **TIMER/WEIGHT** knob.
3. Set the required power by pressing the **MICROWAVE POWER LEVEL** button
4. Press Start.

At the end of this function a bell will be heard to signal the end of the program.

Quick start

Pressing the **START** button allows you to start your microwave at full power (800W) for 30 seconds.

Each time you press the **START** button you will increase the cooking time by 30 seconds.

At the end of this function a bell will be heard to signal the end of the program.

Microwave power setting guide

Power Setting	Suggested use
80W	Keeping warm : Keeping foods warm
240W	Defrost :Thawing frozen foods.
400W	Simmer : Completing the cooking cycle of some pot roasts. Casseroles and stews.
560W	Reheat : Reheating of casseroles and stews.. Reheating pre-cooked foods. Roasting joints of meat and poultry.
800W	Max Power : Boiling or reheating liquids. Cooking vegetables. Preheating a browning dish.

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Auto Programmes

The **AUTO PROGRAMMES** function automatically works out the correct cooking mode and cooking time.
You can choose from 7 **AUTO COOK** menus and 5 **AUTO DEFROST** menus.

1. Press the **AUTO PROGRAMMES** button once.
   The menu can be chosen by pressing the **AUTO PROGRAMMES** button until the desired menu number is displayed. See "**AUTO PROGRAMMES** charts".
   To select a defrost menu, press the **AUTO PROGRAMMES** button at least 8 times.
2. The weight or quantity of the food can be input by rotating the T**IMER/WEIGHT** knob until the desired weight is displayed.
   • Enter the weight of the food only. Do not include the weight of the container.
   • For food weighing more or less than weights given in the automatic chart, use manual programmes.
3. To start cooking press **START/+30** button.
   When action is required (e.g. to turn food over), the oven stops and the audible signals sound, remaining cooking time and any indicator will flash on the display. To continue cooking, press the **START/+30** button.

The final temperature will vary according to the initial food temperature. Check food is piping hot after cooking. If necessary, you can extend the cooking time and change the power level.

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Selection Chart for Auto Programmes :-

Auto Programme	Press Button	Portion Size
AC-1 Frozen Vegetables	Once	100 – 600g
AC-2 Fresh Vegetables	Twice	100 – 600g
AC-3 Frozen Ready Meals	Three Times	300 – 1000g
AC-4 Frozen Gratin	Four Times	200 – 600g
AC-5 Boiled / Jacket Potatoes	Five TImes	100 – 800g
AC-6 Fish Filet With Sauce	Six Times	400 – 1200g
AC-7 Gratin	Seven Times	500 – 1500g
AD-1 Steak and Chops	Eight Times	200 – 800g
AD-2 Minced Meat	Nine Times	200 – 800g
AD-3 Poultry	Ten Times	900 – 1500g
AD-4 Cake	Eleven Times	100 – 1400g
AD-5 Bread	Twelve TImes	100 – 1000g

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Care and cleaning

The oven must always be clean. Residue of food from spillovers or spatters will attract microwave energy causing it to burn on. This could reduce the efficiency of the oven and may cause bad odours.
Do not attempt to tamper with or make any adjustments or repairs to any part of the oven.
Repairs should only be done by a qualified service technician.
Be sure the oven is off or the unit is unplugged before cleaning.
Cleaning the accessories (turntable, support and Grill rack)
Clean them with mild detergent after removing them for the cavity. Turntable support should be carefully handled.
The inside of the oven and turntable get very hot; so do not touch them immediately after use.

Cleaning the interior

Always keep the inside of the oven clean. Wipe up spillovers and food spatters immediately. Deposits that are allowed to remain on the oven walls, door seal and door surface will absorb microwave energy, reduce the efficiency of the oven, and possibly damage the oven interior.
Use mild, liquid detergent, warm water and a soft, clean cloth to remove deposits from the base of the oven. For the side of the oven use a soft damp cloth only, no liquids should be used near the venting holes.

Never use abrasive cleaners, commercial oven cleaners or steel wool pads on any part of the microwave oven.

To loosen difficult deposits, boil a cup of water in the microwave oven for 2 or 3 minutes.

Never use a knife or any utensil to remove deposits from the oven surfaces.

To remove odours from the oven interior, boil a cup of water plus 2 tablespoons of lemon juice for 5 minutes.

Cleaning the door seals

Wipe up spillovers and food spatters immediately. Deposits that are allowed to remain on the door seals will absorb microwave energy, reduce the efficiency of the oven, and possibly damage the

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oven interior. You can only use mild, liquid detergent, warm water and a soft, clean cloth to remove deposits from the door seals.

Cleaning the exterior

Open the oven door when cleaning the control panel. This will prevent the oven from being turned on accidentally. You should clean outside surfaces of the oven with mild liquid detergent and water followed by a wiping with clear water to remove any excess detergent. Dry with a soft cloth.

Spray-on window cleaners or all-purpose spray-on kitchen cleaners can also be used. Never use abrasive cleaners, scouring pads or harsh chemicals on outside surfaces of your oven. To prevent damage to the working parts, do not allow water to seep into ventilation openings.

Technical data

Overall width	592 mm
Overall depth	316mm
Overall height	370 mm
Cavity width	285 mm
Cavity depth	298 mm
Cavity height	202 mm
Volume	17 litre
Power source	230V, 50 Hz
Fuse	10 A
Power consumption	1200W
Microwave (Power)	800W
Weight	15.5 kg

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Installation

Remove any promotion label from the door.

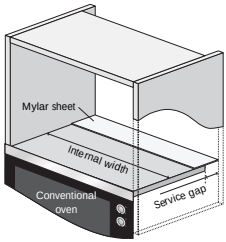
It is dangerous to alter the specifications or attempt to modify this product in any way.

Care must be taken to ensure that the appliance does not stand on the electrical supply cable.

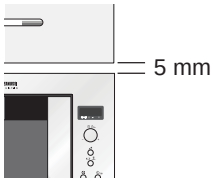
Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

INSTALLING THE APPLIANCE

1. Remove all packaging and check carefully for any signs of damage.
2. This oven is designed to fit into a 360mm high cupboard as standard. When fitting into a 350mm high cupboard:- Unscrew and remove the 4 feet from the bottom of the oven. There are 3 tall feet and 1 short foot. Replace the 3 tall feet with those provided in the accessory pack. Do not replace the short foot.
3. If fitting the microwave oven above a conventional oven (position A) then use the mylar sheet provided.
   a. Cut the Mylar sheet to fit the internal width of the unit.
   b. Peel back the protective cover on the tape and fix to the rear of the shelf so that it covers the service gap.



4. Fit the appliance into the kitchen cupboard slowly, and without force, until the front frame of the oven seals against the front opening of the cupboard.
5. Ensure the appliance is stable and not leaning. Ensure that a 5mm gap is kept between the cupboard door above and the top of the frame



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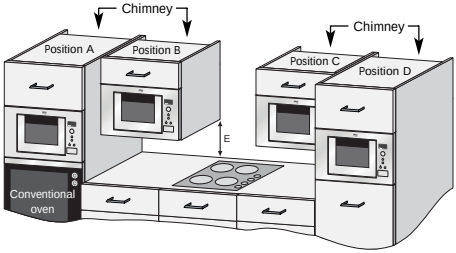
6. Fix the oven in position with the screws provided. The fixing points are located on the top and bottom corners of the oven.
7. It is important to ensure that the installation of this product conforms to the instructions in this operation manual and the hob or conventional oven manufacturer's installation instructions.

SAFE USE OF THE APPLIANCE

If fitting the microwave in position B or C:

- The cupboard must be a minimum of 500 mm (E) above the worktop and must **not** be installed **directly** above a hob.
- This appliance has been tested and approved for use near domestic gas, electric and induction hobs only.
- Sufficient space between hob and microwave should be allowed to prevent overheating of microwave oven, surrounding cupboard and accessories.
- Do not operate the hob without pans when the microwave oven is operating.
- Care should be taken when attending to the microwave oven while the hob is on.



Position	WxDxH	Chimney
A	560x550x360	50
B + C	560x300x350	15
B + C	560x300x360	15
D	560x500x350	40
D	560x500x360	40

Connecting The Appliance To The Power Supply

- The electrical outlet should be readily accessible so that the unit can be unplugged easily in an emergency.
- The socket should not be positioned behind the cupboard.
- The best position is above the cupboard, see (A).
- When not connecting the power supply cord to position (A) it should be removed from the support clip and routed under the oven.
- Connect the appliance to a single phase 230V/50Hz alternating current via a correctly installed earth socket.

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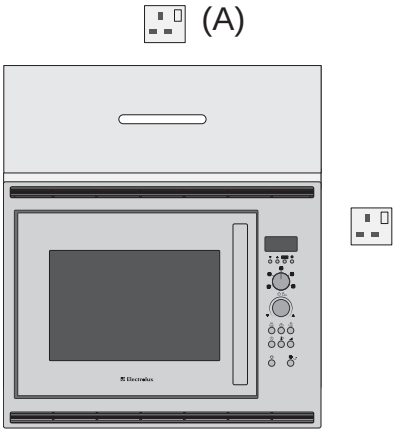
The socket must be fused with a 10A fuse.

- If the appliance is to be operated in a non-European country, the supply voltage, current type and frequency of the appliance indicated on the rating plate must correspond with the specification of your power supply. The rating plate can be found on the inside face of the control panel.
- The power supply cord may only be replaced by an electrician.
- Before installing, tie a piece of string to the power supply cord to facilitate connection to point (A) when the appliance is being installed.
- When inserting the appliance into the high-sided cupboard, DO NOT crush the power supply cord.



Electrical Connection

If the plug that is fitted to your appliance is not suitable for your socket outlet, you must call your local Zanussi service agent.

THIS APPLIANCE MUST BE EARTHED

The manufacturer declines any liability should this safety measure not be observed.

Environmental information

The symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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European guarantee

This appliance is guaranteed by Electrolux in each of the countries listed below for the period specified in the appliance guarantee or otherwise by law. If you move from one of these countries to another of the countries listed below the appliance guarantee will move with you subject to the following qualifications: -

The appliance guarantee starts from the date you first purchased the appliance which will be evidenced by production of a valid purchase document issued by the seller of the appliance.

The appliance guarantee is for the same period and to the same extent for labour and parts as exists in your new country of residence for this particular model or range of appliances.

The appliance guarantee is personal to the original purchaser of the appliance and cannot be transferred to another user.

The appliance is installed and used in accordance with instructions issued by Electrolux and is only used within the home, i.e. is not used for commercial purposes.

The appliance is installed in accordance with all relevant regulations in force within your new country of residence.

The provisions of this European Guarantee do not affect any of the rights granted to you by law.

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